



Express Mail No. EL 752188019 US
PATENT
RD-28,282

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edic et al. :
Serial No.: 10/034,133 : Art Unit: 2882
Filed: December 28, 2001 : Examiner:
For: METHODS AND APPARATUS :
FOR COMPUTED :
TOMOGRAPHY IMAGING :

SUBMISSION OF MARKED UP PARAGRAPHS

Commissioner for Patents
Washington, D.C. 20231

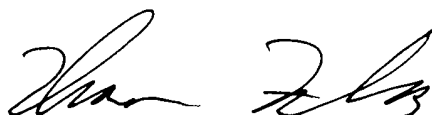
Submitted herewith are marked up paragraphs in accordance with 37 C.F.R.
1.121(b)(1)(iii)), wherein additions are underlined and deletions are [bracketed].

IN THE SPECIFICATION

In particular embodiments of a volumetric CT system, area radiation detector arrays may be approximately twenty centimeters (cm) square or less and the array and gantry are rotated 360° about the patient to produce a complete image. Conversely, the x-ray tube and gantry can be held constant (stationary gantry) while the object is rotated during data acquisition. [This latter scheme is usually] These schemes can be implemented in industrial CT systems, such as, for example, but not limited to, a baggage scanning CT system for an airport or other transportation center. The former CT system topology will be described in detail in the text that follows. However, methods described herein are equally applicable to stationary gantry systems

and are not meant to limit the scope of the invention. Additionally, in the text that follows, the term "detector sections" refers to both linear radiation detectors and area radiation detectors.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Thomas M. Fisher', is written over a horizontal line.

Thomas M. Fisher
Registration No. 47,564
ARMSTRONG TEASDALE LLP
One Metropolitan Square, Suite 2600
St. Louis, Missouri 63102-2740
(314) 621-5070